## We claim:

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- A double stranded siRNA compound wherein one or both of said RNA strands are derivatized by DNP to form a poly-DNP-siRNA, where DNP denotes a 2'-O-(2,4-dinitrophenyl), wherein positions 3, 5 and 6 of said phenyl group have attached thereto R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup>, respectively, and wherein R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> are independently selected from the group consisting of H, halide, linear or branched alkyl, linear or branched acyl, linear or branched alkylene, linear or branched O-alkyl, linear or branched amido, linear or branched saido, linear or branched thioamido, phosphothionate and phosphothioate.
  - 2. The compound as set forth in claim 1, wherein R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> are hydrogen.
  - 3. A method of increasing the stability or efficacy of a double stranded siRNA compound comprising

forming one or both of the native RNA strands as a homologous RNase-resistant RNA, to form a poly-DNP-siRNA, where DNP denotes a 2'-O-(2,4-dinitrophenyl) wherein positions 3, 5 and 6 of said phenyl group have attached thereto R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup>, respectively, and wherein R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> are independently selected from the group consisting of H, halide, linear or branched alkyl, linear or branched acyl, linear or branched alkylene, linear or branched O-alkyl, linear or branched amido, linear or branched S-alkyl, mono or disubstituted amine, linear or branched thioamido, phosphothionate and phosphothioate.

- 25 4. The method as set forth in claim 3, wherein  $R^2$ ,  $R^4$ , and  $R^5$  are each hydrogen.
  - 5. A method of silencing a targeted gene comprising introducing into a cell containing the targeted gene a poly-DNP-siRNA, where DNP denotes a 2'-O-(2,4-dinitrophenyl), wherein positions 3, 5 and 6 of said phenyl group have attached thereto R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup>, respectively, and wherein R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> are independently selected from the group consisting of H, halide, linear or branched alkyl, linear or branched acyl, linear or branched alkylene, linear or branched O-alkyl, linear or branched amido, linear or branched smido, linear or branched thioamido, phosphothionate and phosphothioate.

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- 6. The method as set forth in claim 5, wherein R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> are hydrogen.
- 7. In a method for administering a double-stranded siRNA compound, the improvement comprising an siRNA compound, wherein one or both of said RNA strands are derivatized by DNP to form a poly-DNP-siRNA, where DNP denotes a 2'-O-(2,4-dinitrophenyl), wherein positions 3, 5 and 6 of said phenyl group have attached thereto R², R⁴, and R⁵, respectively, and wherein R², R⁴, and R⁵ are independently selected from the group consisting of H, halide, linear or branched alkyl, linear or branched acyl, linear or branched alkylene, linear or branched O-alkyl, linear or branched amido, linear or branched S-alkyl, mono or disubstituted amine, linear or branched thioamido, phosphothionate and phosphothioate.
  - 8. The method as set forth in claim 7, wherein R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> are hydrogen.

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- 9. The improvement of claim 7, wherein the oligoribonucleotide has a length of between 10 and 40 nucleotides.
- 10. The improvement of claim 7, wherein the oligoribonucleotide has a length of between 12 and 30 nucleotides.
  - 11. The improvement of claim 7, wherein the oligoribonucleotide has a length of between 15 and 25 nucleotides.
- 25 12. The improvement of claim 8, wherein the oligoribonucleotide has a length of between 10 and 40 nucleotides.
  - 13. The improvement of claim 8, wherein the oligoribonucleotide has a length of between 12 and 30 nucleotides.
  - 14. The improvement of claim 8, wherein the oligoribonucleotide has a length of between 15 and 25 nucleotides.
- 15. In a therapeutic method for down-regulating gene expression using siRNA, the improvement comprising an siRNA compound, wherein one or both of said RNA strands

are derivatized by DNP to form a poly-DNP-siRNA, where DNP denotes a 2'-O-(2,4-dinitrophenyl), wherein positions 3, 5 and 6 of said phenyl group have attached thereto R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup>, respectively, and wherein R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> are independently selected from the group consisting of H, halide, linear or branched alkyl, linear or branched acyl, linear or branched alkylene, linear or branched O-alkyl, linear or branched amido, linear or branched S-alkyl, mono or disubstituted amine, linear or branched thioamido, phosphothionate and phosphothioate.

- 16. In the improvement of claim 15, wherein R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> are hydrogen.
- 17. In the improvement of claim 15, wherein the oligoribonucleotide has a length of between 10 and 40 nucleotides.
- 18. In the improvement of claim 15, wherein the oligoribonucleotide has a length of between 12 and 30 nucleotides.
  - 19. In the improvement of claim 15, wherein the oligoribonucleotide has a length of between 15 and 25 nucleotides.
- 20. In the improvement of claim 16, wherein the oligoribonucleotide has a length of between 10 and 40 nucleotides.
  - 21. In the improvement of claim 16, wherein the oligoribonucleotide has a length of between 12 and 30 nucleotides.
  - 22. In the improvement of claim 16, wherein the oligoribonucleotide has a length of between 15 and 25 nucleotides.

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